

Answers (Laura)

ESL223: Reading

Textbook: Making Connections

Reading 3: Medicine and Genetic Research: Promise and Problems

Getting a first idea about the article

| Paragraph | Type of information | Key words |
|-----------|---------------------|--|
| 1 | Promise | Progress.. benefitting |
| 2 | Promise | Slowing... eliminating, incurable genetic diseases |
| 3 | Promise | Advanced |
| 4 | Problems | However, problems and limitations |
| 5 | Problems | More serious problems |
| 6 | Problems | problems, critics |
| 7 | Problems | The criticism |

While you read

These advances

scientists succeeded in identifying the genes that are associated with some serious diseases and birth defects.

Led to

Cause – Research institutions . . . potential of genetic medicine

Effect – rapid increase . . . for the field

Effect – researchers to make rapid advances

There were also more serious problems

As a result, the success rate in many trials was disappointing / (cause) some researchers conducted ...medical benefit.

An eighteen-year old volunteer died . . . procedure. / (cause) clinical trials sometimes took place before researchers had adequately assessed the risks to the human participants.

Attributable to

The relationship between . . . and universities.

such treatment

gene therapy to treat conditions like cancer, diabetes, and heart disease.

Main idea check

- a. Genetic researchers made progress toward treating or eliminating a small number of fatal diseases, but they also made some serious mistakes.

A closer look

1. Huntington's disease, immune deficiency disease, cystic fibrosis, cancer, diabetes, heart disease.
2. A.
3. False
4. B -> (A,C)
5. B -> (D,A) -> C
6. B

Vocabulary study: Synonyms

1. Defective
2. Inherit
3. Investors
4. Life-threatening
5. Procedure
6. Functioned
7. Overstated
8. Ignored
9. Capable of
10. Immune system
11. Commercial
12. Funding
13. Predictable
14. Justified
15. Achieved

Vocabulary study: Words in context

1. Assess
2. Cautious
3. Eliminate
4. Fatal
5. Conduct
6. Determine
7. Potential
8. Ignore
9. Profit
10. Evidence